Ryan Keller

Full stack developer with background in security and DevOps.
Bootcamp alumni; graduating w/ B.S. in Informatics June 2019

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Seattle, WA; Can Relocate

Professional Experience

Capital One

Software Engineering Intern, Full Stack　　　　2018
- Led a team of 6 developers, providing 1:1 mentorship, developing application architecture and establishing team best-practices.
- Developed security infrastructure and event management (SIEM) web applications and automated incident response platforms.

Technologies: *Go, Node, React, Webpack, Rollup, MongoDB, AWS*

T-Mobile

Security Engineering Co-Op　　　　2018
- Design and implement micro-segmentation strategies, including proofs of concept capable of scaling to support 14,000 nodes within heterogenous environments - premises, cloud, and virtualized.
- Research emerging solutions for security infrastructure automation.

Technologies: *Software Defined Perimeter, VMware NSX, CyberRange*

DevOps Engineering Co-Op　　　　2017 - 2018
- Automate continuous integration pipelines and provisioning of cloud "Infrastructure on Demand" using scripts and automation frameworks.
- Secure enterprise infrastructure by developing and automating the deployment of new security policies and hotfixes.

Technologies: *Puppet, Ansible, Ruby, Bash, vRealize Automation Suite*

University of Washington

Full Stack Engineer　　　　2017 - 2018
- Developed a bespoke IT project management web app used to select and grant $8 million in funding to nearly 100 campus projects annually.
- Redesigned the project proposal process to enhance data and financial integrity, enforcing security measures and financial auditing.

Technologies: *Node, React, Redux, Webpack, MySQL, MongoDB, AWS*

Network Specialist　　　　2016 - 2017
- Developed automation systems for automatically provisioning, deploying, and managing network infrastructure across the system.
- Introduced DevOps practices to network engineering, advocating for software defined infrastructure and cross-functional collaboration.

Technologies: *Python, Ansible, Bash, Network Design and Configuration*

Starbucks

Service Desk Analyst　　　　2015 - 2016
- Performed configuration and implementation of the Mobile Order & Pay System for over 13,000 stores internationally.

Technologies: *SQL, Juniper Networking, Oracle AS400, Simphony PoS*

Additional Experience

University of North Texas

Research Coordinator, Behavior Analysis　　　　2015
Research Lab Manager, Traumatic Injury & Injustice　　　　2013 – 2014

Education

University of Washington

Bachelor of Science in Informatics
Concentration in Cybersecurity
Anticipated Graduation: June 2019

FreeCodeCamp

Data Structures & Algorithms Cert.
Received August 2018
API Design and Microservices Cert.
Expected September 2018
Data Visualization Certificate
Expected September 2018

Code Fellows

Advanced Web Development
Completed January 2017

Technical Proficiencies

Front-End Development
JavaScript ES7, React, Redux, Vue, Mithril, Handlebars, EJS, Pug (Jade)

Back-End Development
Golang, Ruby, NodeJS, Express, Koa, Feathers, Restify, Adonis, Micro

Web Application Build Process
Babel, Webpack, Rollup, Gulp, SASS, LESS, CSS Modules, Code Splitting

Quality Assurance Testing
Mocha, Jest, Enzyme, Bundle Analysis

DevOps & Continuous Integration
Puppet, Ansible, Jenkins, Docker, ECS

Database Administration
MySQL, Postgres, MongoDB, Redis, GraphQL & Apollo

Cybersecurity & Risk Assurance
Application Security, Penetration Testing, Enterprise Risk Analysis, Threat Modeling

IT Service Management
Project Management, Systems Design & Integration, Incident Management

Data Analytics
Data Visualization, Qualitative Analysis, A-B Testing, Machine Learning (w/ SciKit)